



Institute of Transport Studies (Monash)
The Australian Research Council Key Centre in Transport Management

**Institute of Transport Studies, Monash
University
World Transit Research**

World Transit Research Newsletter

12-2018

World Transit Research December 2018 Newsletter

Institute of Transport Studies Monash University

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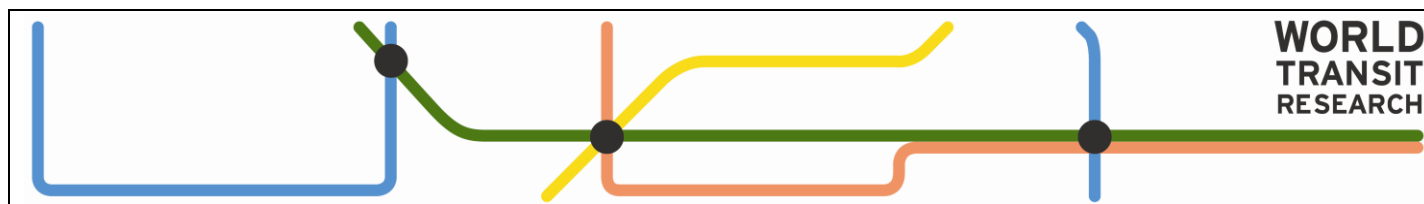
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MONASH University



World Transit Research

December 2018 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the WORLD TRANSIT RESEARCH (WTR) clearinghouse newsletter. This newsletter, which is published bi-monthly, summarises new research published in the field which has been added to the World Transit Research clearinghouse research database.

WTR is now used by public transport researchers in over 8,000 cities and towns in 170 countries worldwide.

BACKGROUND

World Transit Research (WTR) is designed to help public transport practitioners and researchers get easier access to quality research in the field of public transport planning. WTR is a free repository of research papers, reports, research abstracts and links to research findings from leading research journals indexed and searchable to ensure easier access to topics of interest. The site is developed and run by the [Public Transport Research Group](#) at the Institute of Transport Studies, Monash University. The clearinghouse performs the following functions:

- Search/Find – The database is searchable on key words and also via a list of subject areas
- Newsletter Subscription – Those accessing the website can enrol in a free email newsletter. This broadcasts new publications in the field every 2 months
- Links – links to relevant associated sites are provided
- Submit Research – Researchers can use the website to suggest items for inclusion in the database. Copyright requirements are described.

NEWSLETTER

Your recommendation can help grow our number of subscribers. Do you know someone interested in public transport research that would like to receive this newsletter? Ask them to go to <http://www.worldtransitresearch.info/> and enter their email address in the box provided under Newsletter.

NEW ADDITIONS

World Transit Research clearinghouse now includes some 7,071 research reports/papers. Some 49 published papers have been added. The new ones are listed in the attached table. In addition new journals and relevant papers are also occasionally added from previous publication records.

CONTRIBUTE YOUR RESEARCH AND INCREASE YOUR CITATIONS

Should you have any relevant papers that you think should be included in this repository, please log on to www.worldtransitresearch.info and click on the Submit Research icon. The WTR Clearinghouse is a very effective tool to increase author citations of research since it acts to publicise your research to those interested in this field.

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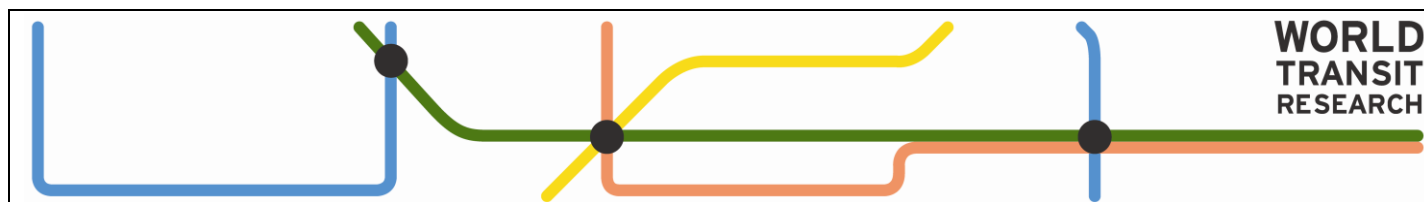
JOURNAL SUBSCRIPTIONS

Articles on the following two pages denoted with an asterisk * are from Journals that require a subscription to view the full article.

SUGGESTIONS WELCOMED

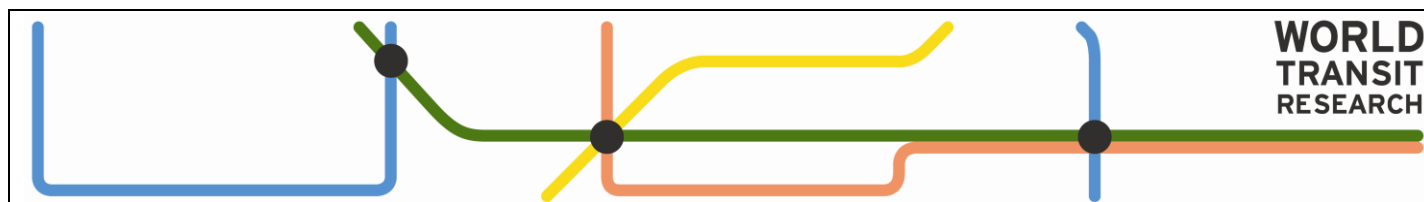
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: enquiries@worldtransitresearch.info

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WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	CATEGORY
F Díez-Mesa, R de Oña, J de Oña	Bayesian networks and structural equation modelling to develop service quality models: Metro of Seville case study*	Planning
A Naweed, J Chapman, J Trigg	“Tell them what they want to hear and get back to work”: Insights into the utility of current occupational health assessments from the perspectives of train drivers	Planning
M Manville, A Levine	What motivates public support for public transit?*	Planning
Q Guo, S Chen, P Schonfeld, Z Li	How time-inconsistent preferences affect investment timing for rail transit*	Planning
J Wen, Y Chen, N Nassir, J Zhao	Transit-oriented autonomous vehicle operation with integrated demand-supply interaction*	Planning
P Noursalehi, H Koutsopoulos, J Zhao	Real time transit demand prediction capturing station interactions and impact of special events*	Planning
B Muresan, D François	Air quality in tramway and high-level service buses: A mixed experimental/modeling approach to estimating users' exposure*	Planning
J Chen, Z Liu, S Wang, X Chen	Continuum approximation modeling of transit network design considering local route service and short-turn strategy*	Planning
S Xianglong, Z Hu, F Shumin, L Zhenning	Bus drivers' mood states and reaction abilities at high temperatures*	Planning
M Cheranchery, B Maitra	Investigating perception of captive and choice riders for formulating service standards of ordinary and premium buses in Indian cities*	Planning
Y Song, H Kim, K Lee, K Ahn	Subway network expansion and transit equity: A case study of Gwangju metropolitan area, South Korea*	Planning
S Flügel, K Veisten, L Rizzi, J de Dios Ortúzar, R Elvik	A comparison of bus passengers' and car drivers' valuation of casualty risk reductions in their routes	Planning
M Li, M Kwan, J Yin, D Yu, J Wang	The potential effect of a 100-year pluvial flood event on metro accessibility and ridership: A case study of central Shanghai, China*	Planning
R Deboosere, A El-Geneidy	Evaluating equity and accessibility to jobs by public transport across Canada	Planning
S Rashid, L Schmitt, T Rabel, S Sood, L Baker, V Ivory, H Rezaie	Developing a national measure for predictable public transport: bus, rail and ferry	Planning
E Haddad, N Lozano-Gracia, E Germani, R Vieira, S Nakamura, E Skoufias, B Alves	Mobility in cities: Distributional impact analysis of transportation improvements in São Paulo Metropolitan Region	Planning
F AlRukaibi, S AlKheder	Optimization of bus stop stations in Kuwait	Planning
D Zhao, W Wang, C Li, Y Ji, X Hu, W Wang	Recognizing metro-bus transfers from smart card data*	Planning
E Cipriani, G Fusco, S Patella, M Petrelli, L Quadrifoglio	Transit network design for small-medium size cities*	Planning
T Chen, R Jou	Using HLM to investigate the relationship between traffic accident risk of private vehicles and public transportation	Planning
L de Freitas, H Becker, M Zimmermann, K Axhausen	Modelling intermodal travel in Switzerland: A recursive logit approach	Planning
Y Liu, S Blandin, S Samaranayake	Stochastic on-time arrival problem in transit networks	Planning
National Academies of Sciences, Engineering, and Medicine	Admissibility and Public Availability of Transit Safety Planning Records	Planning
National Academies of Sciences, Engineering, and Medicine	The Relationship Between Transit Asset Condition and Service Quality	Planning
Federal Transit Administration	FTA Bus Safety Data Report 2008-2016	Planning
Y Wang, A D'Ariano, J Yin, L Meng, T Tang, B Ning	Passenger demand oriented train scheduling and rolling stock circulation planning for an urban rail transit line*	Planning
W Klumpenhouwer, S Wirasinghe	Optimal time point configuration of a bus route - A Markovian approach	Operations
S Li, X Zhou, L Yang, Z Gao	Automatic train regulation of complex metro networks with transfer coordination constraints: A distributed optimal control framework*	Operations
O Cats, J Haverkamp	Optimal infrastructure capacity of automated on-demand rail-bound transit systems*	Operations
D Canca, J Andrade-Pineda, A De los Santos, M Calle	The Railway Rapid Transit frequency setting problem with speed-dependent operation costs*	Operations



F Zhang, N Zheng, H Yang, N Geroliminis	A systematic analysis of multimodal transport systems with road space distribution and responsive bus service*	Operations
M Chowdhury, S Chien	Optimizing fare and headway to facilitate timed transfer considering demand elasticity*	Ridership
M Wardman, A Hatfield, J Shires, M Ishtaiwi	The sensitivity of rail demand to variations in motoring costs: Findings from a comparison of methods	Ridership
National Academies of Sciences, Engineering, and Medicine	Understanding Changes in Demographics, Preferences, and Markets for Public Transportation	Ridership
A Vigren	How many want to drive the bus? Analyzing the number of bids for public transport bus contracts*	Organisation
National Academies of Sciences, Engineering, and Medicine	Contracting Commuter Rail Services, Volume 1: Guidebook*	Organisation
National Academies of Sciences, Engineering, and Medicine	Contracting Commuter Rail Services, Volume 2: Commuter Rail System Profiles*	Organisation
J Zhang, R Lindsey, H Yang	Public transit service frequency and fares with heterogeneous users under monopoly and alternative regulatory policies*	Policy
M Gustafsson, N Svensson, S Anderberg	Energy performance indicators as policy support for public bus transport – The case of Sweden*	Policy
Y Chen, A Bouferguene, Y Shen, M Al-Hussein	Assessing accessibility-based service effectiveness (ABSEV) and social equity for urban bus transit: A sustainability perspective	Policy
S Chandra, R Naik, L Galbeno	Impact assessment of the Internet of Things on feeder transit performance*	Technology
M Xylia, S Silveira	The role of charging technologies in upscaling the use of electric buses in public transport: Experiences from demonstration projects*	Technology
The American Public Transportation Association	Public Transit Leading in Transition to Clean Technology	Technology
X Cao, S Lou	When and How Much Did the Green Line LRT Increase Single-Family Housing Values in St. Paul, Minnesota?*	Economics
S Ling, N Jia, S Ma, Y Lan, W Hu	An incentive mechanism design for bus subsidy based on the route service level	Economics
Z Zhu, M Lee, Y Pan, H Yang, L Zhang	Analyzing the impact of a planned transit-oriented development on mode share and traffic conditions*	Land use
J Brown, J Mendez	Examining the Development Effects of Modern-Era Streetcars: An Assessment of Portland and Seattle	Land use
E El Koursi, J Bruyelle, R Seddon, C O'Neill	Design solutions to improve resilience of metro vehicle to blast events*	Infrastructure
Z Liu, X Chen, Q Meng, I Kim	Remote park-and-ride network equilibrium model and its applications*	Mode

Note: Articles with an asterisk * are from Journals that require a subscription to view the full article